To: Werner, Lora[Werner.Lora@epa.gov]

From: Singhvi, Raj

**Sent:** Mon 2/24/2014 4:13:26 PM

Subject: RE: 4-MCHM

Not sure. But will try.

----Original Message-----From: Werner, Lora

Sent: Monday, February 24, 2014 11:10 AM

To: Singhvi, Raj Subject: RE: 4-MCHM

## Great!!

Can you interpret anything generally from this what MCHM's potential to volitalize in a showering scenario would be?? How does it compare to other chemicals we evaluate for showering exposures? Usually we look at volatiles and don't see semi volatiles as much of a concern, right? And I know MCHM is considered a semi vol...

Lora Siegmann Werner, MPH
Regional Director, Region 3
Division of Community Health Investigations Agency for Toxic Substances & Disease Registry (ATSDR)/Centers for Disease Control & Prevention c/o EPA Region 3
1650 Arch Street
Mailstop 3HS00
Philadelphia, PA 19103

Desk phone: 215-814-3141 Cell phone: 215-588-9778

Fax: 215-814-3003

Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

----Original Message-----From: Singhvi, Raj

Sent: Monday, February 24, 2014 10:40 AM

To: Werner, Lora; Kelly, Jack (R3 Phila.); Arguto, William; Linden, melissa

Cc: Raj Singhvi Subject: RE: 4-MCHM

Lora.

Thanks for the info. I got VP data from your email.

Rai

----Original Message-----From: Werner, Lora

Sent: Friday, February 21, 2014 3:01 PM

To: Kelly, Jack (R3 Phila.); Arguto, William; Linden, melissa

Cc: Raj Singhvi; Singhvi, Raj Subject: RE: 4-MCHM

Hi guys

The HSDB entry for MCHM (http://toxnet.nlm.nih.gov/cgi-

bin/sis/search/r?dbs+hsdb:@term+@DOCNO+8182) has the link for Eastman's website with all their tox studies:

http://www.eastman.com/Pages/Eastman-Crude-MCHM-Studies.aspx but I don't know that any of this contains any info on vapor pressure.

The MSDS (http://www.dhsem.wv.gov/Documents/Eastman-MCHM-MSDS.pdf) for MCHM which I am sure Raj has seen says "no data available" for its vapor pressure and vapor density, and just "<1 (estimated)" for relative density - lots of blanks there.

Steve Green's contact info is:

Associate Toxicologist - Product Safety & Health

Office: 423-229-2466 Mobile: 423-723-7355 Fax: 423-224-0208 sgreen@eastman.com

I don't know if when DuPont was doing their analytical work with the compound whether they ended up estimating its vapor pressure? Or maybe if Fort Meade has also done anything like that? I am out of my league as to how that is done and how hard it would be.

Lora

Lora Siegmann Werner, MPH
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Mailstop 3HS00
Philadelphia, PA 19103

Desk phone: 215-814-3141 Cell phone: 215-588-9778

Fax: 215-814-3003

Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

----Original Message-----From: Kelly, Jack (R3 Phila.)

Sent: Friday, February 21, 2014 1:46 PM

To: Werner, Lora; Arguto, William; Linden, melissa

Cc: Raj Singhvi; Singhvi, Raj

Subject: 4-MCHM

## Hi all.

I am in the field. If anyone is in and has chemical information on the compound, can you forward to Raj? He is specifically looking for vapor pressure.....or, maybe provide him email for the Eastman contact, toxicologist Steve Green. I get confused....Eastman is the supplier/manufacturer, correct? Not Dow?